# Public Works (1909) Department.

GOVERNMENT PRESS
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3 APR 1909
MADRAS.

G.O., No. 1313

DATED 20/8/1909.

24

The Notes
in this G.O. have been printed.

[Despatch Abstract.]

Mills near the Chattrapatti Anicut on the Suruliyar, Madura D.C.

Sanctioning the Assignment on lease of Certain lands required by S. Sinnappa Servai of Dindigal in connection with the proposed ———

[P. W. D. 5,000—26-7-08.]

Indexed
31/3/09

S.R. 23/3

## BACK PAPERS.

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## FURTHER PAPERS.

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# Government of Madras.

## PUBLIC WORKS DEPARTMENT.

IRRIGATION.

| | | |
|---|---|---|
| *Recd.* | 1909. | *Enclosures* |
| *Regd.* | | *Spare copies* |

## G.O., No. 131 I., 20th March 1909.

**Mills near the Chattrapatti Anicut on the Suruliyar, Madura district**

Sanctioning the assignment on lease of certain lands required by M.R.Ry. S. Sinnappa Servai of Dindigul in connection with the proposed —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Irrigation.**

**READ**—the following papers :—

I

*Letter*—from A. R. DECHAZAL, Esq., Executive Engineer, Madura Division.
*To*—the Superintending Engineer, VI Circle.
*Dated*—the 25th August 1906.
*No.*—657-S.E.

With reference to your No. 1064 of 22nd March 1906, I have the honour to enclose a second petition from M.R.Ry. S. Sinnappa Servai. The description of the power scheme is rather crude, but I believe that Messrs. D. Raju & Co., of Madras, could set up the machinery. Any how, provided the petitioner does not damage our anicut, it seems safe to let him have the water-power at a nominal price for twenty years, reserving to Government the right to buy it for a fixed price within that period and the right to withdraw the concession at any time after the twenty years. I recommend that the concession be given without of course guaranteeing any flow of water, the petitioner would have to take his risk of having his power stopped at any time either for want of water for repairs or for any other reason, without Government or the Executive Engineer, as the agent of Government, having to give any reason for stopping the power.

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ENCLOSURE.

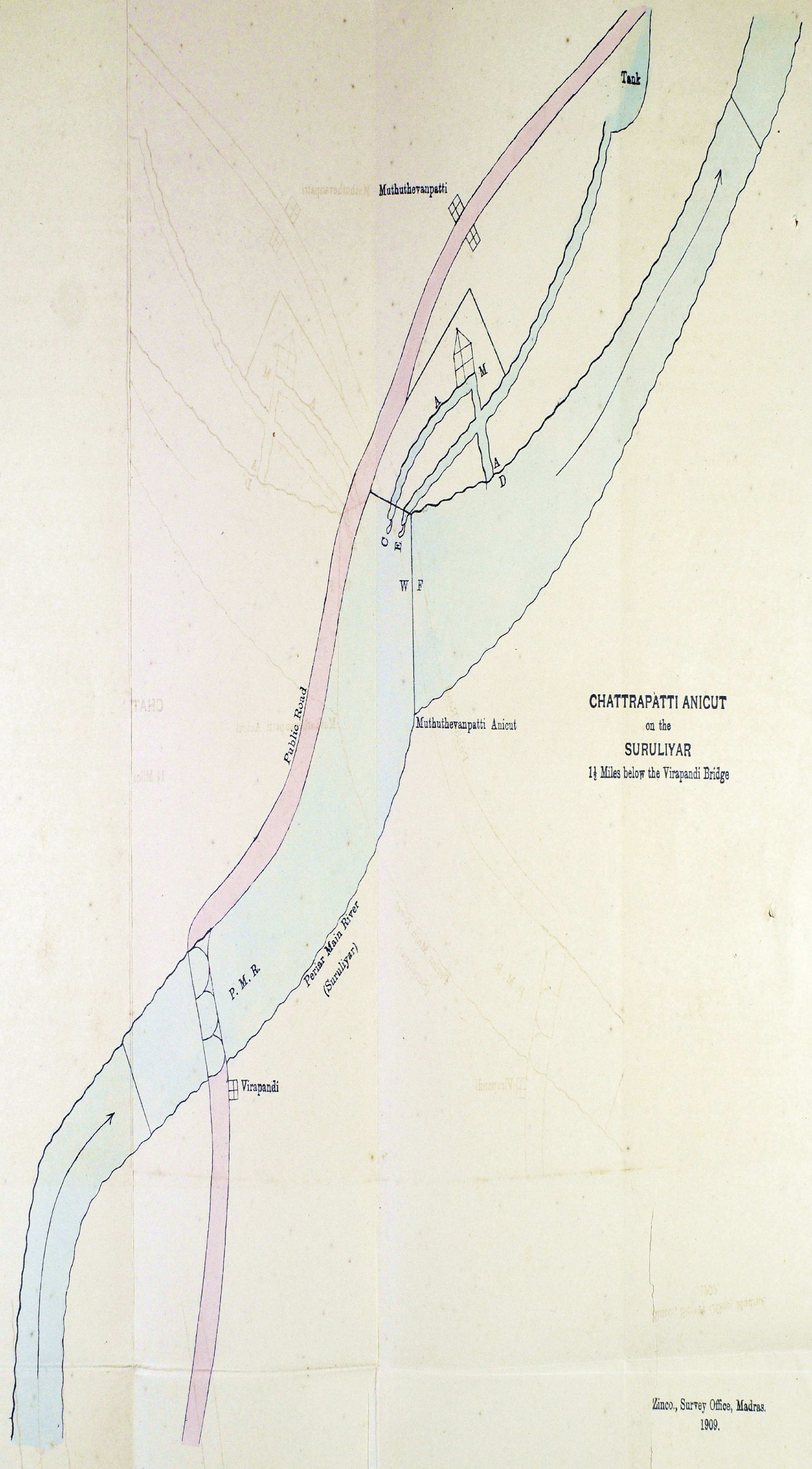
*Petition*—from M.R.Ry. S. SINNAPPA SERVAI, pattadar Nos. 81, 121, 563 and 779 of the Ammapatti and Oruthattu villages, Ammayanáyakkanúr Zamindari.
*To*—the Executive Engineer, Madura district.
*Dated*—the 27th April 1906.

MOST RESPECTFULLY SHEWETH,—That with reference to the instructions given by your honour in letter No. 658 A.C., dated 29th March 1906, the petitioner humbly begs to bring the following petition to your honour's kind recommendation to the Government.

2. That the petitioner has selected Muthathevanpatti anicut which is more convenient for the proposed industry in many respects instead of Vilampatti anicut because the adjacent land owners are unwilling to part with their lands.

3. That the object of the petitioner is to establish rice and oil mills which are to be arranged through Messrs. D. Raju & Co., Engineers, Madras.

4. That the plot of ground needed for the industry is close to the main anicut about ½ an acre in extent known as Government tope which is largely covered with prickly-pears and bushes with a few young tamarind trees here and there.




# CHATTRAPATTI ANICUT
on the
## SURULIYAR
1½ Miles below the Virapandi Bridge

Reg. No. 26
Copies. 148

Zinco., Survey Office, Madras.
1909.

5. That the establishment of the water-mill is as in the sketch below :—

(*a*) P.M.R. is the Periyár main river.

(*b*) W. F. is the site of the Muthathevanpatti anicut at which water falls from a height of nearly 9 feet.

(*c*) A A is the channel 6 feet broad to be cut from C to D. The sluice of the channel will be about 15 feet apart on the west of the existing Government one E. The water running in the channel A A will be only for the purpose of power for working the mills and will be led below the existing Government channel at the point of crossing by means of an aqueduct. Hence the existing Government channel which feeds the Muthathevanpatti tank is not in any way to be interferred with.

(*d*) M is the point at which the mill and the machinery are to be erected.

6. That the working method of the mill will be as follows :—

When the sluice at C is opened water flows from P.M.R. through A and turns the water wheel at M where the rice and oil mills will be connected and the water after working the wheel will return into the main river at D.

7. That, in order to carry out the petitioner's plan successfully, he has started a company with a capital of Rs. 10,000 as detailed below :—

(*a*) Rs. 2,500 for the purchase of one turbine water wheel with necessary piping sluices with grating.

(*b*) Masonry work for the turbine and for tail race Rs. 1,000.

(*c*) Rice mill machinery with complete set for turning out about 100 bags of paddy into fine polished rice per day, Rs. 1,500.

(*d*) One set of improved oil mills for extracting oil from most oil seeds capacity about eight bags of seeds per day, Rs. 1,500.

(*e*) Out buildings and machinery sheds, Rs. 2,000, and working capital, Rs. 1,500, which will be raised to a sufficient amount.

8. That the petitioner has approached Messrs. D. Raju & Co., Engineers, Madras. They are prepared to help and encourage the undertaking in every way and bring it to a success. The petitioner is ready to commence the work as soon as he is favoured with the necessary sanction.

9. That the petitioner is willing to pay the price of the young tamarind trees on the abovesaid piece of ground according to Government rate and will be so careful that no damage might occur to the existing Government arrangements.

Therefore the humble petitioner most respectfully solicits your honour will be kindly pleased to grant the abovementioned plot of ground and permit the use of water-power for the proposed industry and thus encourage the undertakings of the natives in this part of the country.

And for which act of goodness the petitioner as in duty bound shall ever be thankful.

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*No.* 510 *C.E., dated* 3*rd September* 1906.

Forwarded to the Chief Engineer for Irrigation for orders.

S. B. MURRAY,
*Superintending Engineer, VI Circle.*

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## II

### Memorandum No. 3625, dated 1st October 1906.

With reference to his endorsement No. 510 C.E., dated 3rd September 1906, the Superintending Engineer, VI Circle, is requested to be so good as to ascertain and report what quantity of water will be required to work the mills proposed to be erected by Sinnappa Servai at the Chattrapatti anicut.

(By Order.)

T. W. S. SMYTH,
*Asst. Chief Engineer for Irrigation.*

To the Superintending Engineer, VI Circle.

## III

From Rev. R. Fehlberg, dated 19th February 1907.
From M.R.Ry. S. Sinnappa Servai, dated 22nd March 1907.
Endorsement to the Superintending Engineer, VI Circle, No. 1341, dated 6th April 1907.

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## IV

### Memorandum No. 1627, dated 30th April 1907.

In continuation of this office endorsement No. 1341, dated 6th April 1907, the Chief Engineer for Irrigation has the honour to state that from the sketch map accompanying Sinnappa Servai's application forwarded with the Superintending Engineer's endorsement No. 510 C.E., dated 3rd September 1906, it is observed that there appears to be a channel alongside the Periyár main channel for irrigation or for filling a tank. The prior rights of this channel should, it is considered, be safeguarded as the water used for power is to be returned under this channel. The Superintending Engineer is requested to be so good as to report how he proposes to safeguard the interests of this channel.

It is stated in the petition that there is an available fall of nearly 9 feet, it should be clearly ascertained what the total and the effective fall is, so that the amount of power that will be developed from 1 cusec may be known.

(By Order.)

T. W. S. SMYTH,
*Asst. Chief Engineer for Irrigation.*

To the Superintending Engineer, VI Circle.

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## V

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|---|---|---|---|---|---|---|---|
| From the Superintending Engineer, | VI Circle, | dated 16th July | 1907, | No. | 392 C.E. |
| To the | ,, | VI ,, | ,, 1st Aug. | ,, | ,, 2997. |
| ,, | ,, | VI ,, | ,, 22nd Nov. | ,, | ,, 4677. |
| ,, | ,, | VI ,, | ,, 11th Feb. | 1908 | ,, 689. |

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## VI

*Letter*—from J. H. MEDLICOTT, Esq., Superintending Engineer, VI Circle,
*To*—the Chief Engineer for Irrigation.
*Dated*—Trichinopoly, the 28th February 1908.
*No.*—119 C.E.

With reference to your memorandum No. 1627, dated 30th April 1907, I have the honour to state that the Executive Engineer, Madura Division, reports that the interests of the existing irrigation channel taking off a few feet below the site of the proposed mill channel will not be affected. He says that the volume of Periyár water flowing down the Suruliyar is so large that the supply diverted by the mill channel is not likely to diminish the supply down the irrigation channel. The Executive Engineer suggests that Sinnappa Servai should be permitted to take the water only so long as Periyár water flows down the Suruliyar and that a clause to this effect may be inserted in the conditions on which the water-power may be granted to the applicant.

2. It is reported that the total fall of the anicut from the crest level to the rock in rear is 5 feet and that, allowing 1 foot for the tail race, a head of 4 feet may be counted upon. This head, he states, will give $\frac{1}{2}$ H.P. for one cusec (theoretical). Efficient horse-power will be about $\frac{1}{4}$ H.P. per cusec.

ENCLOSURE.

*Letter*—from M.R.Ry. S. SINNAPPA SERVAI, Catechist, Lutheran Mission, Dindigul.
*To*—the Chief Engineer for Irrigation (through the Executive Engineer, Madura Division).
*Dated*—the 9th January 1908.

With reference to my petition, dated 27th April 1906, regarding the water-power, I received from the Executive Engineer, Madura, in his office letter No. C./19, dated 28th July 1907, asking me to submit the condition on which I agree to plant a water-mill to which I had forwarded my terms in my petition of 9th August 1907, for which I did not receive any reply up to date.

2. As I am ready to begin the work through Messrs. Raju & Co., Engineers at Madras, in the coming hot season (April and May 1908), I humbly pray to grant the sanction for the erection of the mill at an early date.

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*No. 32 S.E., dated 11th/13th January* 1908.

Forwarded in original to the Superintending Engineer, VI Circle, for favour of issuing orders on the subject in continuation of this office No. 801 S.E. of 20th November 1907.

R. DECHAZAL,
*Executive Engineer.*

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## VII

### Official Memorandum No. 520-C./08-1, Revenue, dated 7th April 1908.

(1) Application of Sinnappa Servai, dated 27th April 1906, with sketch.
(2) Copy of letter No. 657 S.E., dated 25th August 1906, from the Executive Engineer, Madura Division, to the Superintending Engineer, VI Circle.
(3) Chief Engineer's Memo. No. 1627, dated 30th April 1907.
(4) Superintending Engineer's letter No. 119 C.E., dated 28th February 1908.
(5) Sinnappa Servai's petition, dated 9th August 1907.

The correspondence noted in the margin relative to the application of Sinnappa Servai of Dindigul for permission to use the water flowing at the Chattrapatti anicut to work a rice and oil mill proposed to be erected near the anicut will be forwarded to the Collector of Madura for early report through the the Board of Revenue.

A. G. CARDEW,
*Ag. Secretary to Government.*

To the Collector of Madura (with five enclosures to be returned).
Copy to the Board of Revenue (Revenue Settlement).

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## VIII

*Letter*—from J H. MEDLICOTT, Esq., Superintending Engineer, VI Circle.
*To*—the Chief Engineer for Irrigation.
*Dated*—Trichinopoly, the 28th October 1908.
*No.*—598 C.E.

In continuation of my letter No. 119 C.E., dated 28th February 1908, I have the honour to forward herewith a letter from M.R.Ry. Sinnappa Servai of Dindigul regarding his application for water-power at the Chattrapatti anicut. I request that early orders may be passed in the matter.

Enclosure.

*Letter*—from M.R.Ry. S. Sinnappa Servai, Lutheran Mission, Dindigul.
*To*—the Chief Engineer for Irrigation (through the Executive Engineer, Madura Division).
*Dated*—the 14th October 1908.

With reference to my petition, dated 27th April 1906, regarding the water-power, I have the honour to draw your attention to the fact that I have not yet received any final reply up to date.

2. I have forwarded the condition of the terms asked by the Executive Engineer in my petition of 9th August 1907 and to the same effect I have also given a statement to the Sub-Collector of Madura regarding the assignment of the required land at the end of June 1908.

3. I therefore humbly beg your honour to sanction the erection of the proposed industry at an early date.

4. For which act of kindness the petitioner as in duty bound shall ever be thankful.

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## IX

## Proceedings of the Board of Revenue (R.S., Sur., L.R. and Agri.), Mis. No. 4685, dated 4th November 1908.

*Read*—the following papers :—

(i)

*Proceedings*—from the Board of Revenue (Revenue Settlement).
*Dated*—the 16th April 1908.
*No.*—1904.

Abstract.—Recording memorandum from the Government forwarding to the Collector of Madura for report the correspondence regarding an application for water to work a rice and oil mill near the Chattrapatti anicut.

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(ii)

*Letter*—from H. F. W. Gillman, Esq., I.C.S., Collector of Madura.
*To*—the Secretary to the Commissioner of Revenue Settlement, Survey, Land Records and Agriculture.
*Dated*—the 13th July 1908.
*No.*—R. Dis. 635/Rev.

Adverting to the Government Memorandum No. 520 C./1908–1, dated 7th April 1908, I have the honour to report that the petitioner desires the assignment of 1·50 acres tope poramboke, S. No. 666, Virapandi village, Periyákulam taluk, for erecting the proposed rice and oil mills, and 25 cents in each of the assessed waste fields S. Nos. 667 and 671 for excavating channels. There is no objection to the assignment of these lands to the petitioner. The grant may be made subject to the following conditions, which the petitioner consents to abide by :—

(1) that the land should be given up, whenever required by Government or if they be not used for the purpose for which they are needed ;

(2) that no cultivation should be made in the lands.

2. Permission may be granted to the petitioner to make use of the anicut water, on suitable terms for his mills, provided the anicut is not damaged, and on the conditions suggested by the Executive Engineer in his letter No. 657 S.E., dated 25th August 1906.

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(iii)

*Memorandum*—from Government, Revenue Department.
*Dated*—the 17th August 1908.

(iv)

*Memorandum*—from Government, Revenue Department.
*Dated*—the 17th October 1908.

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*Resolution—Mis. No.* 4685, *dated 4th November* 1908.

Submitted to Government.

2. The Board considers that the land may be assigned on lease for a period of twenty years subject to the following conditions:—

(1) The lessee shall pay an annual rent of Rs. , the rent being limited to the assessment of similar lands in the neighbourhood.

(2) The lessee shall, in addition, pay all existing and future taxes, rates, etc., payable whether by a landlord or by a tenant.

(3) That the lessee shall erect the mill and other structures within the time fixed in the lease and shall maintain the same in a working condition.

(4) That the land and the buildings shall not be used for any purpose other than that for which they are intended.

(5) That the lessee shall permit the officers of Government to enter upon and examine the premises at all reasonable times.

(6) That the lessee shall not assign, underlet or part with the possession of the land or any part of it without the consent of Government.

(7) That if the rent or any part thereof shall be in arrear for thirty days and whenever there shall be a breach of any of the terms of the lease, the lease shall terminate and Government shall be at liberty to re-enter upon the land and that in case of such re-entry by Government the land shall be restored to its present state at the cost of the lessee, failing which Government shall be at liberty to remove the fixtures and dispose of their materials according to their pleasure.

(8) That, should Government at any time require the premises or any part thereof for any public purpose, they shall be surrendered by the lessee within the period specified in the lease, and that in such event the compensation payable therefor shall not exceed the initial cost or the value at the time of the acquisition, whichever shall be less, of any buildings erected or other works executed by the lessee.

(9) That during the lease period of twenty years the lessee shall be permitted to take off from the Muthuthevanpatti anicut on the Suraliyar under the Periyár system * cubic feet of water per second per day of 12 hours to work the mill in question.

(10) That no charge shall be made for the use of such water for the first five years from the date of completion of the mills for work, after which a charge of Rs. * shall be paid to the Collector of Madura in two instalments on † and on † respectively.

(11) That, with the previous written permission of the Public Works Department officers, a larger quantity of water may be taken for the purpose of working the mill and the additional quantity of water so taken shall be paid for at the close of every month at * Rs. per * cubic feet per second.

(12) That the whole of the water taken to work the mill shall be returned into the stream lower down at a place to be determined by the Public Works Department and no part of it shall be used for any purpose unconnected with the working of the mill.

(13) That the Government do not guarantee a continuous supply of water to the mill and that the supply will ordinarily be stopped during the period that Periyár water is not let into the stream.

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* To be fixed by the Public Works Department.
† To be fixed by the Collector.

(14) That the Government shall further be at liberty to stop or diminish the supply whenever required in the interests of irrigation or for the execution of repairs to the Periyár lake and connected channels or for other causes and that the lessee shall not be entitled to any compensation for such discontinuance. Ordinarily a week's notice shall be given of the intention to discontinue the supply.

(True Extract.)

L. D. Swamikannu,
*Secretary.*

To the Secretary to Government, Revenue Department, with the six enclosures returned.

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X

*Letter*—from A. R. deChazal, Esq., Executive Engineer, Madura Division.
*To*—the Superintending Engineer, VI Circle.
*Dated*—the 18th January 1909.
*No.*—79 S.E.

In continuation of the correspondence ending with this office No. 903 S.E., dated 20th October 1908, I have the honour to enclose copy of another letter, dated 13th January 1909, from the Rev. Arthur Fehlberg of Dindigul. It deals with a water-power concession which he asks for in favour of one of his Christians.

2. I have been trying for the last three years without success to get an answer for him. I believe that every Engineer to whom these papers have gone is favourable to the scheme and the Government have given out publicly that they would like to see schemes of that sort started; and yet it seems so difficult for Mr. Fehlberg to get what he wants.

Knowing the circumstances of the case, I venture to beg you to take an interest in the scheme on Mr. Fehlberg's behalf.

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Enclosure.

*Letter*—from the A. Rev. Fehlberg, Leipzig Evangelical Lutheran Mission, Dindigul.
*To*—the Executive Engineer, Madura Division.
*Dated*—the 13th January 1909.

I am much concerned about the application of my Catechist S. Sinnappa Servai for the grant of the water-power at the Chattrapatti anicut which has not yet been disposed of. It is now about three years that Sinnappa sent in his first petition. I know that you are also much interested and have kindly done your best to get him the sanction. But it seems there is an impediment somewhere in Madras. I am going in about a month's time to Madras. Now I would ask you if you think it advisable for me while in Madras to go and see the Chief Engineer for Irrigation regarding the matter. It would be such a fine thing not only for the encouragement of native industry in this district but also for the advancement of our Native Christian community if Sinnappa would at last get the sanction and be enabled to put up a water-mill there.

I would feel much obliged if you would kindly drop me a line saying whether, in your opinion, it would be good or not to see the Chief Engineer in Madras.

---

*No.* 99 *C.E., dated* 5*th February* 1909.

Forwarded to the Chief Engineer for Irrigation for favour of orders in continuation of this office letter No. 598 C.E., dated 28th October 1908.

H. E. Clerk,
*Superintending Engineer, VI Circle.*

**Order—No. 131 I., dated 20th March 1909.**

The Government are pleased to assign on lease for a period of twenty years to S. Sinnappa Servai of Dindigul, an extent of 1·50 acres tope poramboke, survey No. 666 in the Virapandi village, Periyákulam taluk, Madura district, for the rice and oil mills proposed to be erected by him near the Chattrapatti (otherwise known as the Muthuthevanpatti) anicut on the Suruliyar and 25 cents of land in each of the survey Nos. 667 and 671 for the purpose of excavating channels from the river for generating and supplying electric power to the mills subject to the conditions set forth below:—

(1) The lessee shall pay an annual rent, the rent being limited to the assessment of similar lands in the neighbourhood.

(2) The lessee shall, in addition, pay all existing and future taxes, rates, etc., payable whether by a landlord or by a tenant.

(3) That the lessee shall erect the mill and other structures within the time, fixed in the lease and shall maintain the same in working order.

(4) That the land and the buildings shall not be used for any purpose other than that for which they are intended.

(5) that the lessee shall permit the officers of Government to enter upon and examine the premises at all reasonable times.

(6) That the lessee shall not assign, underlet or part with the possession of the land or any part of it without the consent of Government.

(7) That if the rent or any part thereof shall be in arrear for thirty days and whenever there shall be a breach of any of the terms of the lease, the lease shall terminate and Government shall be at liberty to re-enter upon the land and that in case of such re-entry by Government the land shall be restored to its present state at the cost of the lessee, failing which Government shall be at liberty to remove the fixtures and dispose of their materials according to their pleasure.

(8) That should Government at any time require the premises or any part thereof for any public purpose, they shall be surrendered by the lessee within the period specified in the lease and that in such event the compensation payable therefor shall not exceed the initial cost or the value at the time of the acquisition, whichever shall be less, of any buildings erected or other works executed by the lessee.

(9) That during the lease period of twenty years the lessee shall be permitted to take off from above the Muthuthevanpatti anicut on the Suruliyar river as much water as he may require subject to sufficient supply being left for the irrigation of lands depending upon the anicut on the following terms:—

(*a*) That for five years from the date of this order no charge shall be made for the use of the water.

(*b*) That from and after the fifth year a charge shall be made at the rate of Rs. 5 per nominal horse-power per annum based on the horse-power specified by the manufacturers of the turbines or water wheels as being their ordinary capacity.

(*c*) That this charge shall be subject to a minimum of Rs. 100 per annum and shall be payable at the Government treasury in two instalments on such dates as shall be fixed by the Collector.

(*d*) That all water shall be returned into the Suruliyar river immediately below the mills unpolluted and without the addition of any chemicals or other substance that would affect its use for agriculture or drinking purposes and in the event of the water becoming so fouled the lessee shall cease from using the water until the same is remedied; and that water shall be used only for generating power and for no other purpose.

(10) That the Government do not guarantee a continuous supply of water to the mill and that the supply will ordinarily be stopped during the period that Periyár water is not let into the stream.

(11) That the Government shall further be at liberty to stop or diminish the supply whenever required in the interests of irrigation or for the execution of repairs to the Periyár lake and connected channels or for other causes and that the lessee shall not be entitled to any compensation for such discontinuance. Ordinarily a week's notice shall be given of the intention to discontinue the supply.

(12) Government reserve to themselves the right to stop the supply of water at any time should the water be not taken up by the lessee for two years consecutively.

(13) That all plans of plant and buildings should be approved by the Superintending Engineer of the VI Circle, Public Works Department.

2. The Collector of Madura will be authorised to enter into an agreement with the petitioner on the foregoing terms, adding such other conditions as may be considered necessary in consultation with the Executive Engineer. The draft agreement should be submitted to the Government for approval.

(True Extract.)

C. A. SMITH,
*Joint Secy. to Govt., P.W.D.,*
*Irrigation Branch.*

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle.
,, Examiner, Public Works Accounts.
,, Board of Revenue (Revenue Settlement).
Copy to the Revenue Department.

Forwarded to the

(By Order.)

*Deputy Registrar.*

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

# NOTES TO G.O., No. 131 I., DATED 20TH MARCH 1908.

[SUBJECT.—*Supply of water to the mills proposed to be erected at Chattrapatti anicut, Madura district.*]

*Letter from the Superintending Engineer, VI Circle, No.* 510-*C.E.*, *dated* 3*rd September* 1906.

*To Under Secretary—*

The Superintending Engineer, VI Circle, forwards a letter from the Executive Engineer, Madura division, submitting an application from one Sinnappa Servai for permission to use the water at the Chattrapatti anicut on the Suruliyar river. 1½ miles below the Virapandi bridge on the Ammayanaickanur-Uttamapalayam road, to work certain rice and oil-mills proposed to be erected near the anicut. The applicant states that the plot of ground needed for the industry is close to the main anicut and is about half an acre in extent, known as Government tope, with a few young tamarind trees thereon.

2. The Executive Engineer recommends the grant of water power at a nominal price for twenty years, reserving to Government the right to buy it for a fixed price within that period and the right to withdraw the concession at any time after the twenty years. He points out at the same time that no guarantee of a constant supply of water can be given, and that the concessionaire will have to take the risk of the river supply being cut off at any time without reasons being assigned.

3. The map of the Suruliyar minor basin and the plan of the Chattrapatti anicut are submitted.

4. It will be observed that the application for the use of the water contains also a request for the grant of the land on which the mill buildings are to be constructed. It is not known whether the land is in charge of the Revenue or the Public Works department. Probably the latter. In any case, the conditions under which the grant can be made will have to be considered.

5. As orders regarding the supply of water to mills and factories are usually issued in the Revenue Department (please see precedents noted in the margin), the present application will have to be transferred to that department.

G.O., No. 174-A., Revenue, dated 10th March 1899.
G.O., No. 139, Revenue, dated 2nd February 1904.
G.O., No. 1027, Revenue, dated 15th September 1904.

A.S.N.
17-9-06

*To Secretary—*

The plans of the anicut in the Tank Restoration Scheme memoir map do not assist us in seeing whether the head 9 feet is actually available and there appears to be nothing in the papers to show what quantity of water is proposed to be used.

I think a practically free gift of the power for twenty years errs on the side of liberality. If the scheme is a success, others will follow asking similar terms. I would suggest free use of the water for five years and a charge of Rs. 15 per horse-power per annum for twenty years afterwards without any purchasing power to Government during that time.

T. W. S. SMYTH.
20-9-06.

The case is more or less similar to that of the Pápanásam mills. The complete papers relating to which including the notes should be put up. Meantime the Superintending Engineer may be asked to report what quantity of water will be required to work the mills.

C. A. SMITH.
20-9-06.

*To Under Secretary—*

The papers now available in this office on the subject of Pápanásam mills do not contain the notes of some of the orders issued in the Revenue Department which are being applied for. The file will be completed and submitted as early as possible. In the meantime, a draft memorandum to the Superintending Engineer, VI Circle, calling for information on the point referred to above by the Chief Engineer for Irrigation, is submitted for approval.

A.S.N.
23-9-06.

[Memorandum issued as No. 3625, Revenue, dated 1st October 1906.]

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*To Secretary—*

With reference to Chief Engineer for Irrigation's note above, the complete file regarding Pápanásam mills is submitted.

A.S.N.
29-12-06.

*Manager—*

Please flag the reference relating to the giving of the condition under which water power was given from Pápanásam falls so far as they are similar to the present case.

C. A. SMITH.
5-1-07.

*To Secretary through the Under Secretary—*

In G.O., No. 361 I., dated 1st May 1883, Messrs. Harvey & Co., the predecessors in title of the present Tinnevelly Mills Company, were given permission to utilise free of charge the water of the Tambraparni river above the Pápanásam falls for working a spinning mill subject to the following conditions amongst others—

(1) that the designs for the works to be constructed were to receive the approval of the Collector and the Superintending Engineer and to be based on the instructions of the Chief Engineer for Irrigation;

(2) that the water after being used was to be returned to the river above the Kodamalalagien anicut or into the south main channel taking off from the anicut, in the latter case not more than half the supply being taken off except with the permission of the Superintending Engineer;

(3) that they were to have no claim for compensation, if from any cause the supply of water proved was deficient.

(4) that they were to have a claim on the water only after public requirements had been attended to.

Subsequently the Company were informed that the permission to use the water free would run for a period of ten years from the opening of the mill, and that on the expiry of that period a charge would be made, which would not be of an amount calculated to be repressive of the development of the industry. The period of ten years for which the free grant was made having expired on 31st August 1895, the question of the terms of concession and the charge for water came up for consideration. The Company was in G.O., No. 174-A, Revenue, dated 10th March 1899, allowed to take, if available, for twelve consecutive hours in each day 10 cubic feet during the dry season and 20 cubic feet during the remainder of the year.

Next as regards the charge to be made for the water taken by the Company, the Government considered that they should pay an annual sum of Rs. 10,500 and a monthly sum of Rs. 50 for every additional cubic foot per second for a period of twelve consecutive hours. The above scale was put in force for the next seven years from the date on which notice was given to the Company. On a representation from the Company received through the Secretary of State, the Government in G.O., No. 601, Revenue, dated 7th September 1899, dispensed with the condition restricting the supply of water to twelve consecutive hours per day. The Company were allowed to take any additional quantity of water and the total charge for the water was limited to a lump annual payment of Rs. 10,500. On a further representation, the above charge was reduced to Rs. 7,500 per annum, but subject to the condition of a proportionate increase being made in the charge on any increase in the number of spindles then running. The period of the currency of the conditions was increased from 7 to 14 years.

The conditions as finally entered into by the Company will be found in the lease printed on pages 3 to 6 of G.O., No. 294, Revenue, dated 27th March 1905, and in G.O., No. 1006, Revenue, dated 14th October 1905.

B.G.R.
23-4-07.

As regards the method by which the charge of Rs. 10,500 is arrived at, please see notes to G.O., No. 174A, page 30. The charge was finally fixed at Rs. 10,500 based on 350 horse-power per day of twelve hours at Rs. 30 per horse-power. The cost of installation for a low head of 9 feet will be far greater per horse-power developed than for a high one, the head in the present case is 9 feet against 250 in that of Pápanásam.

Page 20 of notes to G.O., No. 174-A, dated 10th March 1899.

If 9 feet is the effective fall, 1 cusec will develop one horse-power, but probably it is the total not the effective fall. In this case a yearly charge of Rs. 10 per cusec utilised would seem reasonable.

T. W. S. SMYTH.
24-4-07.

The principle above seems correct, but till we know the effective fall we cannot recommend any charge. From the sketch it appears that there is a channel alonside for irrigation or filling a tank. The prior rights of this channel must be safeguarded, for the water used for power is to be returned under this channel.

Superintending Engineer should be asked about this.

H. E. CLERK.
24-4-07.

*To Under Secretary—*

A draft memorandum is kept for approval.

B.G.R.
25-4-07.

[Memorandum No. 1627, dated 30th April 1907.]

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PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

*From the Superintending Engineer, VI Circle, No.* 119-*C.E., dated* 28*th February* 1908.

*To Under Secretary—*

In reply to memorandum No. 1627, dated 30th April 1907, the Superintending Engineer, VI Circle, states that the interests of the existing irrigation channel will not be affected by the proposed channel to the mills, as the volume of Periyár water

that would be flowing down the Suruliyar is so large that the supply which will be diverted by the mill channel is not likely to diminish the supply down the irrigation channel. It is however suggested that Sinnappan Servai should be permitted to take water only so long as the Periyár water flows down the Suruliyar and that a clause to this effect may be inserted in the conditions.

2. Referring to the concluding portion of the memorandum the Superintending Engineer states that the total fall of the anicut from the crest level to the rock in rear is 5 feet and that a head of 4 feet may be counted upon, that this head will give $\frac{1}{2}$ horse-power for 1 cusec (theoretical) and that the efficient horse-power will be $\frac{1}{4}$ horse-power per cusec.

3. The terms on which the petitioner is willing to erect and work the machinery are set out in his petition, dated 9th August 1907, received with the Superintending Engineer's present letter. In this petition he states that he wants a maximum of 50 horse-power for 25 years free of charge and that thereafter he would pay Rs. 3 per horse-power. He also states that he would claim no compensation if from any cause the supply of water is cut off. He also binds himself to use 25 horse-power after 10 years and 50 horse-power after 20 years.

4. The charge to be made for the use of the water is now for consideration. In his note, dated 20th September 1906, Under Secretary suggested the free use of the water for 5 years and a charge of Rs. 15 per horse-power per annum for 20 years afterwards. As in his petition, dated 27th April 1906, the petitioner stated that he required 9 feet effective fall, Under Secretary stated in his note, dated 24th April 1907, that a yearly charge of Rs. 10 per cusec utilised would seem reasonable. As the Superintending Engineer now states that the effective fall is only 4 feet it is for orders whether the charge per horse-power can be reduced.

5. Conditions 1 and 2 imposed in the case of the Pápanásam mills referred to in page 2 of the notes may also be enforced in the present case.

6. As orders regarding the supply of water to mills and factories are usually issued in the Revenue Department the papers will have to be transferred to that department.

G.V.
18-3-08

S.D.
20-3-08.

I think two to three rupees per cusec would be sufficient to charge, considering the low head.

T. W. S. Smyth.
20-3-08.

I recommend that the applicant's request be complied with on the following conditions, which do not propose to be exhaustive but are the most important:—

(1) That the applicant be granted free use of water flowing past the Chattrapatti anicut for 5 years.

(2) After that period he be charged Rs. 2 per cusec.

(3) Government may cut off the water at any time without giving any reason.

(4) Water to be taken only when flowing through the tunnel from the Periyár lake.

(5) All plans of plant and buildings to be approved by the Superintending Engineer.

(6) Such land as the applicant may require to be let to him on an annual lease at a rent to be fixed by the local officers.

H. E. Clerk.
24-3-08.

REVENUE DEPARTMENT.

*To Under Secretary—*

It will be observed from Sinnappan Servai's petition that he will be willing to abide by the terms which the Government may propose. He has stated in that petition that he binds himself to abide by any conditions which may be found necessary by the Executive Engineer in dealing with the regulation of water. The Executive Engineer says that the interests of the existing irrigation channel taking off a few feet below the site of the proposed mill channel will not be affected by the proposal. It will also be observed from paragraphs 4 and 5 of his petition that Sinnappan Servai will abide by the conditions (3) and (4) of the conditions stipulated by the Public Works Department note at page 4 *supra*. Condition (5) of these conditions will also be acceptable to him. As regards conditions (1), (2) and (6) a report from the local officers is necessary. It is submitted that the whole correspondence on the subject may be forwarded to the Board of Revenue for remarks.

2. A draft official memorandum is submitted for approval.

M.G.
2-4-08.

It would save time to send the reference to the Collector for report through the Board of Revenue.

S.S.
3-4-08.

*To Secretary—*

F. NOYCE.
4-4-08.

Issue.

A. G. CARDEW.
6-4-08.

*To Secretary—*

In the current the Board of Revenue specifies the conditions under which the application from Sinnappa Servai of Dindigul in Madura district for a plot of ground about 2 acres in extent near the Chattrapatti anicut and for permission to use the water at the anicut to work certain rice and oil mills proposed to be erected on the site may be complied with.

2. The file was received from the Public Works Department (Irrigation) in March last with the recommendation of the late Chief Engineer Mr. H. E. Clerk that the applicant's request be complied with on the conditions specified in his note, dated 24th March 1908.

3. The points for orders in this department are (1) the assignment of the land and (2) the fixing of the water charge for the water used for the mills.

4. Mr. H. F. W. Gilman, Collector of Madura, recommends the assignment of the land and the Board considers that it may be assigned subject to the conditions 1 to 8 referred to in paragraph 2 of its proceedings. The annual rent proposed to be levied is limited to the assessment of similar lands in the neighbourhood. It is submitted that this proposal and the other conditions proposed by the Board in regard to the assignment may be accepted.

5. Conditions 9 to 14 in paragraph 2 of the Board's Proceedings relate to the charge for water. Condition 10 is as follow —" that no charge shall be made for " the use of (such) water for the first 5 years from the date of completion of the mills " for work, after which a charge of . " . . . Rs.* shall be paid to the " Collector of Madura in two instalments " on † . . . . and on . . . . " respectively." The petitioner in his petition, dated 9th August 1907, stated " I want the concession ‡ of power up to " a maximum of 50 horse power for 25 " years after which, I bind myself to pay at Rs. 3 rate per horse power. If after 25 " years, I can get water for the whole year, I shall pay at Rs. 5 rate per horse " power."

* (To be fixed by Public Works Department).

† (To be fixed by the Collector).

‡ (Probably he means free of any charge).

The late Chief Engineer Mr. H. E. Clerk recommended a charge of Rs. 2 per cusec after a period of 5 years during which the applicant should have the free use of water flowing past the Chattrapatti anicut. This rate appears to have been based on the principles adopted in fixing the water charge for the use of water of the Tambraparni river above the Pápanásam falls by the Tinnevelly Mills Company. The proposal of Mr. H. E. Clerk may be tentatively accepted in Revenue and the file may be returned to Public Works Department (Irrigation) for recommending a fixed minimum charge for the use of water as was adopted in the case of the Tinnevelly Mills Company.

Note, dated 24th March 1908.

G O., No. 174 A., Revenue, dated 10th March 1899.

5. In accordance with the proposal recently made by Public Works Department (Irrigation) * to issue the final Government Orders on subjects relating to the supply of water to factories and industries which the Hon'ble Mr. Cardew accepted, the Public Works Department (Irrigation) may be requested to put up a draft Government Order. The form of agreement may be similar to the one drawn up in the case of the Tinnevelly Mills Company (G.O., No. 294, Revenue, dated 27th March 1905) embodying also the conditions suggested by the Board. It will be better to get the final draft agreement scrutinized by the Government Solicitor.

* In the file † relating to the subject of supplying water to the Madras Electric Supply Corporation from Otteri Nullah.

† (This file is in Local and Municipal Department and has been called for in connection with another subject.

B.V.R.
22-11-08.

S.S.
24-11-08.

Has the concession of free use of the water for five years been granted in any other of the recent cases in which owners of mills have been permitted to take water from Government sources of irrigation.

F. NOYCE.
29-11-08.

*To Secretary*—

In the recent cases in which owners of mills have been permitted to take water, through a pipe or by other arrangements to be approved of by the Public Works Department, from Government sources of irrigation, the five years' concession referred to above was not granted. It is submitted that in the present case the petitioner Sinnappa Servai proposes to utilise water for generating electricity for working rice and oil mills. The concession of free use of water for five years was allowed to the Mysore Darbar for utilising the power of the Cauvery falls at Sivasamudram to generate electricity.

Letter No. 3159, dated 1st September 1899 and letter No. 431, Confidential, dated 7th May 1900, paragraph 2.

Reference not given.

F. NOYCE.
10-12-08.

B.V.R.
4-12-08.

S.S.
4-12-08.

*Secretary*—

As to the assignment of the land, the conditions proposed by the Board may, I submit, be accepted.

2. As to the charge for water, there is, I submit, no reason why the use of it should be allowed free after five years. Five years was the period in the case of the Cauvery falls at Sivasamudram, a very much more important enterprise. The charge of Rs. 2 per cusec suggested by Mr. Clerk after that period seems reasonable.

Note, dated 24th March 1908.

3. Orders on the subject will issue in Public Works Department (Irrigation) to which the file may, I submit, be transferred with the above remarks.

F. Noyce.
10-12-08.

*Honourable Member*—

The land applied for may, I submit, be assigned on the terms proposed by the Board.

2. As regards charge for water. The charge should be a fixed sum for a definite supply with provision for a further charge for an additional supply. This is apparently what the Board contemplate in conditions 10 and 11, and is in accordance with the terms originally proposed for fixing the charge for water supplied to the Pápanásam mills—pages 170-3 of the file connected with G.O., No. 174 A., dated 10th March 1899.

In the case of the Papanasam mills however this method of calculating the charge was subsequently altered into a charge proportioned to the number of spindles running (page 2 of note to G.O., No. 284, dated 4th April 1901).

In the present instance such a method of fixing the charge will not be possible as the water-power is to work the rice and oil mills.

A self-registering recording apparatus will apparently be necessary to determine the quantity of water used.

The unit of charge proposed, viz., Rs. 2 per cusec, seems reasonable, and may be accepted.

If approved the file may be transferred to Public Works Department.

L.M.W.
12-12-08.

I agree. The terms seem fair for both sides.

M.H.
18-12-08.

Transferred to Public Works Department.

L.M.W.
19-12-08.

*To the Public Works Department (Irrigation) u.o.*

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Public Works Department
(Irrigation Branch).

*Under Secretary*—

A draft order is submitted for approval.

2. The quantity of water to be allowed to the applicant under condition 9 as well as the charge to be imposed therefor under condition 10 has to be settled. As regards the charge per cusec of the additional quantity of water used, referred to in condition 11, please see Chief Engineer for Irrigation's note, dated 24th March 1908, wherein he recommends a rate of Rs. 2 per cusec.

Paragraph 3 of the draft order has been inserted with reference to the condition 5 mentioned by Chief Engineer for Irrigation in his note, dated 24th March 1908.

The order may be sent to Revenue for acceptance before circulation to His Excellency.

G.V.
28-1-09.

B.G.R.
29-1-09.

The Executive Engineer Mr. deChazal puts the effective horse-power at 50 per cent. of the nominal. This may be accepted for an installation which will probably be neither erected nor managed in the most efficient manner.

Thus to develope 50 horse-power a discharge of 200 cusecs will be required which at the rates proposed gives an annual charge of Rs. 400.

Sinnappa Servai is willing to pay Rs. 150 after a free concession for 25 years. The capital raised or proposed to be raised is only Rs 10,000 and an annual charge of 4 per cent. on it might kill the enterprise. It is suggested that the minimum charge shall be Rs 150 per annum.

A self-registering instrument such as the Venturi meter will have to be erected if the charge is to vary with the quality of water used. This will register in cubic feet per second and the total recorded will have to be divided over the period of working in order to get the average quantity of water used.

This is rather difficult, the period of Periyár closure varies somewhat according to supply in the reservoir and demands for irrigation and the conditions have just been altered through the capacity of the reservoir having been increased ; allowances have to be made for Sundays and holidays and for cleaning up and repairing the machinery, lastly the hours of working are not known and are likely to vary.

Taking the period during which water is available as 300 days we may allow 43 days for Sundays and say 27 for other holidays and for repairs giving 230 working days. If we take the working day as 8 hours the averge discharge utilised will be that recorded divided by 230 × 8 × 3,600 or 66,24,000.

It is suggested that calculated on this basis a discharge of anything up to 100 cusecs shall be given for the minimum charge of Rs. 150 a month, but it must be noted that there will be nothing to prevent the lessee from erecting machinery utilizing three or four times this capacity and working it for a limited period in each year for the same charge. It would, it is thought, be better to charge according to the capacity of the machinery erected, then there would be no need to gauge discharges and risk the possibility of these being tampered with, the charge would simply be fixed on the makers guaranteed performance of the turbines under normal conditions considering the smallness of the capital on charge of Rs. 200 would, it is thought, meet the case. Rupees 400 seems rather high.

T.W.S.S.
29–1–09.

I think it is far better to fix tne charge according to the horse-power of the machinery erected as guaranteed by the makers and Rs. 5 per horse-power would be fair subject to a minimum charge of Rs. 100.

Modify draft order accordingly.

C.A.S.
3–2–09.

*Under Secretary—*

The draft order as modified with reference to Chief Engineer's instructions on the previous page is submitted.

B.G.R.
16–2–09.

*Secretary—*

Submitted. The Rev. Mr. Fehlberg came yesterday to see what he could do to help the matter through ; it would appear that the would-be lessee is willing to agree to any reasonable conditions. It is getting on towards three years since his original application was submitted. Of this 18 months was taken up in obtaining a report from the Executive Engineer as to what quantity of water petitioner required and what the available head was. The report showed that petitioner greatly over-estimated the latter.

T.W.S.S.
17–2–09.

Draft order to Revenue for acceptance.

C.A.S.
22-2-09.

*To the Revenue Department u.o.*

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REVENUE DEPARTMENT.

*Under Secretary*—

Revenue are concerned with (1) the assignment of the land required by Mr. S. Sinnappan Servai and (2) the fixing of the charge for the use of the water.

2. With reference to (1) above, the terms specified in the draft Government Order are the same as those recommended by the Board of Revenue and already approved in Revenue. With reference to the charge for the use of water, the Board's recommendation is as follow :—"That no charge shall be made for the use of such water for the first five years from the date of completion of the mills for "work, after which a charge of Rs. shall be paid to the Collector of Madura ." The first part of the proposal, viz., the free use of water for five years, is based on a similar concession granted in the case of the Cauvery falls at Sivasamudram and is now embodied in the draft Government Order. As regards the charge for water to be levied after that period, the late acting Chief Engineer, Mr. H.E. Clerk, proposed Rs. 1 per cusec and this rate has already been accepted in this department. The Secretary, the Hon'ble Mr. L. M. Wynch, also noted that the charge should be a fixed sum for a definite supply with provision for a further charge for an additional supply. The Public Works Department (Irrigation) consider that it would be better to fix the charge according to the horse-power of the machinery erected as guaranteed by the makers and that Rs. 5 per horse-power would be fair subject to a minimum of Rs. 100 per annum. The suggestions of the Public Works Department (Irrigation) are embodied in the draft Government Order. The Mysore Darbar are now charged at the rate of Rs. 5 per horse-power for half the electric power generated at the Cauvery falls at Sivasamudram. The recommendation of the Public Works Department (Irrigation) may, it is submitted, be accepted in Revenue.

Para 2 (1) at page 2 of G.O., No. 431, dated 7th May 1900.

3. As suggested in the office-note, dated 24th November 1908, it would probably be better to get the final draft agreement scrutinized by the Government Solicitor; if this view is accepted, a sentence may be added to paragraph 2 of the draft Government Order requesting the Collector to submit the draft agreement for the approval of the Government.

B.V.R.
25-2-09.

S.S.
25-2-09.

*Secretary*—

The proposal of Public Works Department (Irrigation) that the charge should be Rs. 5 per horse-power subject to a minimum of Rs. 100 may, I submit, be accepted in Revenue. This system of charge has worked satisfactorily in the case of the Cauvery falls at Sivasamudram.

2. The draft agreement should, I submit, be scrutinized by the Government Solicitor. Public Works Department (Irrigation) may be asked to instruct the Collector accordingly.

F.N.
26-2-09.

*Honourable Member*—

L.M.W.
27-2-09

I suppose any Periyár electric works would not be interfered with by this scheme. There is no map so I am not quite certain. If the Public Works Department think that there is no objection on this score, I approve the order. The lease must be examined by the Government Solicitor.

M.H[AMMICK].
8-3-09.

*To Public Works Department (Irrigation) u.o.*

L.M.W.
9-3-09.

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PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

*Under Secretary—*

With reference to the remarks of the Revenue Department, the necessary addition has been made to paragraph : of the draft order.

2. As the Periyàr power scheme is far above the Chattrapatte anicut, the present proposal will not interfere with the power scheme. Please see the sketch map of the Periyàr project.

3. The draft order may now be circulated to His Excellency the Governor.

B.G.T.
11-3-09.

S.S.
11-3-09.

*His Excellency the Governor—*

The file relates to a small water-power scheme on an anicut in the suruli valley.

There has been a very great delay in disposing of the application owing to want of full information.

The proposals cannot affect any possible Periyar power scheme and the terms of the lease will safeguard such irrigation as might be affected.

T.W.S.S.
11-3-09.

A. L[AWLEY].
16-3-09.

*Under Secretary—*

Submitted that the draft order may now issue.

G.V.
17-3-09.

B.G R.
17-3-09.

S.S.
17-3-09.

Issue emergently.

T.W.S.S.
18-3-09.

[Issued as G.O., No. 131 I., dated 20th March 1909.]

1000. [illegible]-8-06.

5202

# CURRENT FILE.

Store Form No. 141.
[illegible]00—5-11-06.

7 8

# PUBLIC WORKS DEPARTMENT.

## Irrigation Branch.

CURRENT No 1285

ENCLOSURES.
- Plans No.
- Others No. 1

Total

Received ........ 190
Registered 21. 2. 07 190

Passed on by Registering Clerk ...
" " U. R. Clerk ...
" " Record-keeper ...
" " Drafting Officer ...

SPARE COPIES.

Subject.

Mills proposed to be erected at the Chatrapatti anicut:- Forwarding for favourable consideration the petition of Simmapan Servay for the supply of water power for the ——.

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No.

Station ........, Dated the 19. 2. 1907.

*From* (Name) Rev. Arthur Fehlberg

(Designation) Lutheran Mission, Dindigal.

*To* ~~The Chief Engineer~~ / The Joint Secretary *to the Government of Madras,*
*Public Works Department,*
*Irrigation Branch.*

*Sir,*

Papers

[illegible]

J 3625 go 6 spk
with S. C. B.

[illegible] 23/2/07

SUPD. ENGINEER'S OFFICE
No. 476 CE
1 APR 1907
P. W. D.
SIXTH CIRCLE

10 ~~27~~ ~~79~~ 9

CHIEF ENGINEER FOR IRRIGATION
21 FEB 1907
No. 1285

To

EXECUTIVE ENGINEER'S OFFICE
P. W. D.
R. 2/953
23 JUL 1907
MADURA DIVISION

The Chief Engineer for Irrigation,

M a d r a s.

The humble petition of Sinnappan Servey pattadar No.81, 121, 563 and 779 of the Ammapatti and Oruthatoo villages Ammayanayakanoor Zemindari, residing at L. M. Compound, Dindigul

Most Respectfully sheweth,

That his reply regarding the question of the quantity of water required for the Mills called for in your honour's memo No.~~3626~~ 3625/1-10-06 to the Superintendenting Engineer 6th Circle has been submitted to the Executive Engineer Madura Division on the 5th November 1906; to which no reply has been received up to date either from your Honour's or the Executive Engineer's Office

46 cf

Therefore the humble petitioner most respectfully solicits your honour will be kindly pleased to favour him with a reply that he may use the water power for the proposed industry and thus encourage the undertakings of the natives in this part of the country

And for which act of goodness the petitioner as in duty bound shall ever be thankful

D i n d i g u l.

February 1907

CHIEF ENGINEER FOR IRRIGATION
3-MAR 1908
No. 1575

From 9/ 8/ 24 10

Rev. Arthur Ahlberg
Lutheran Mission
Dindigul

To

The Chief Engineer for Irrigation
Madras.

CHIEF ENGINEER
FOR IRRIGATION
21 FEB 1907
No. 1285

EXECUTIVE ENGINEER'S OFFICE, P.W.D.
Rc 1-953
23 JUL. 1907
MADURA DIVISION.

Sir,

I beg to recommend the annexed petition of [illegible] Servey to you for an early and favourable disposal. I know the petitioner well, he being a Catechist in my Mission, and I know also the supporters of his scheme well. I have, therefore, no hesitation in saying that by granting his petition you would encourage trustworthy, able, and energetic men, and the good cause of getting

up an indigenous industry in this part of the country. If the petitioner could get sanction for his request at an early date, he would be able to erect the necessary buildings now in the dry season, whereas otherwise the commencing of the work would be much delayed to the detriment of a good cause.

I have the honour to be
Sir
Your most obedient servant

Arthur Fehlberg

Kudigue, Febr. 19, 1907.

SUPG. ENGINEER'S OFFICE
4 OCT 1907
P. W. D.
SIXTH CIRCLE

SUPDG. ENGINEER'S OFFICE
No.
4 OCT 1907
P. W. D.
SIXTH CIRCLE

~~8~~ ~~#~~ 12

Form No. 141.
2,000—5-11-06.

**PUBLIC WORKS DEPARTMENT.**

**Irrigation Branch.**

CURRENT No. 1978.

ENCLOSURES. Plans No. / Others No.

Received 23-3-1907.

Registered ... 190 .

Total

Passed on by Registering Clerk ...

" " U. R. Clerk ...

" " Record-keeper ...

" " Drafting Officer ...

SPARE COPIES.

*Subject.*

Water fall at Chatharapatti;——— Informs, in Contn. of his petition d 27-4-06, of his wish to make use of a jonval vertical shaft turbine in the ——— and requests sanction for the same.

No.

*Station* ..., *Dated the* 22-3-1907

*From (Name)* S. Sinnappan Searvey,

*(Designation)* L. M. Quarter, Dindigal.

*To* ~~The Chief Engineer~~ / *The Joint Secretary* *to the Government of Madras,*

*Public Works Department,*

*Irrigation Branch.*

*Sir,*

S. C. B.

Papers are with SCB
26/3/07

23/3/07

13

From

S. Sinnappan Searvey,

L. M. Quarter,

D i n d i g u l.

EXECUTIVE ENGINEER'S OFFICE. P.W.D. 3/953. 23 JUL 1907 MADURA DIVISION.

To

The Chief Engineer for Irrigation,

M a d r a s.

Sir,

In continuation of my petition dated 27-4-'06 I have the honour to inform you that I wish to make use of a jonval vertical shaft turbine in the water fall at Chathrapatti and in this connection I have to draw your attention that the diameter of the entrance or exit pipe to be placed in the said water fall is not 36 inches as shown in my previous letter, but the said pipe measuring 32 inches in diameter will serve the purpose and also the water force available in the fall is 64 horse power, when the turbine wheel 6 feet in diameter turns only in the left-hand side.

Under the above circumstances I have the honour to request you will be plased to give an early sanction in order that it would enable me to start the proposed industry in the said water fall.

I have the honour to be,

Sir,

Your most obedient servant,

S. Sinnappan Searvey.

Dindigul,

22nd March 1907.

CHIEF ENGINEER FOR IRRIGATION 3-MAR 1908 No. 1579

14

9

[No. 12854 1978] +3

No 1341
6.4.07

P.W.D. Irrigation

Memorandum

pp 10. 12 c file

Petitions from Sinnappan Servai, L.M Quarter, Dindigal, Madura district -- dated 19th February and 22nd March 1907

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DESPATCHED
DATE 6.4.1907
ENCLOS..................

p 6 c file

Forwarded to the Supg. Engr. VI Circle, for remarks in continuation of this office memo No. 3625 dated 1st October 1906 with the request that the information therein called for may be furnished at an early date.

[signature]
5/4/07.

[initials]
5-4-07

To the Supg. Engineer VI Circle, withpetitions to be retd.

~~14~~ ~~15~~ 16

Stock Form No. 141
10,000—29-6-05.

**PUBLIC WORKS DEPARTMENT.**

CURRENT No. 4582

Received 22-7-1907

ENCLOSURES. Plans No. / Others No.

Registered " 190 .

Total

Passed on by Registering Clerk ...

SPARE COPIES.

" " U. R. Clerk ...

" " Referencer ...

" " Record Superintendent.

" " Drafting Officer ...

*Subject.*

Application for water power of Sinnappa Servai of Dindigal —— Requesting to return for reference the —— and the map ——

No. 392 C.E.

*Station,* Trichinopoly *Dated the* 16 July 1907.

D/17

*From (Name)* C. W. Wood, Esquire,

*(Designation)* Superintending Engineer, III Circle.

*To* *The Chief Engineer* for Irrigation ~~*The Secretary*~~ *to the Government of Madras,*

*Public Works Department.*

Papers ... 21/7

*Sir,*

With reference to the correspondence ending with your memo. number 1627 dated 30th April 1907, I have the honour to request that you will be so good as to return for

P. 14 Cf

Pa 27/7/07

17 12 16

reference and retransmission, the petition of Suniappa Servai and the map forwarded in original with this office Endorsement No. 510-C.E., dated 3rd September 1906. P. 2 of C.

I have the honour to be,
Sir,
Your most obedient Servant,

C. W. Wood
Superintending Engineer,
VI Circle.

DSO
15.7.07.

E. I. Form No. 15—500—14-5-06.

~~7 13 Item 8~~ 18

Chepák, 1—8—1907

No. 2997

From

H. E. Clerk ...

Ag. Chief Engineer for Irrigation.

**MEMORANDUM.**

---

Enclosures. 2

The undersigned has the honour to forward the following document s to the S. E. VI Circle with reference to his letter No. 392 C.E. dated 16th July 1907:—

Petn from S. Srinappa Servey d/ 27. 4. 06 & a sketch map in original recd with the Dis Ensrh No. 510 C.E. d/ 3. 9. 06

DESPATCHED
DATE 1/8 1907
ENCLOS.

(By Order.)

sd/ ... Smyth

*Assistant Chief Engineer for Irrigation.*

INDEXED

To The S. E. VI Circle

8    12 ~~22~~    19

~~From: S. Sinnappa Servey Catechist~~
Luth: Miss: Compound
Dindigul

EXECUTIVE ENGINEER'S OFFICE, MADURA DIVISION. 1-1575 55 13 NOV. /07

To

The Chief Engineer for Irrigation
Madras.

Through the Revd. Arthur Fehlberg Luth: Mission Compound, Dindigul
and through the Sub: Collector of Madura, Dindigul.
and through the Executive Engineer Madura Divn. Madura.

SUB-COLLECTOR'S OFFICE, 23 NOV 1907, MADURA.

Terms on which I, Sinnappa Servey catechist Luth: Miss: Compound Dindigul, ask for a concession to use the waterfall at Chittrapatty on the Sureleyar in Periakulam Taluq Madura Dt:

CHIEF ENGINEER FOR IRRIGATION 3-MAR 1908 No. 1576

1. I want to erect a power plant for Industrial purposes to husk paddy, make oil, and other kindred purposes. I want the concession of ~~full~~ power up to a maximum of 50 Horse power for 25 years after which, I bind myself to pay at Rs 3 rate per H. power. If after 25 years. I can get water for the whole year, I shall pay at Rs 5 rate per H. power.

2. If these terms are not approved of by the Government, I shall be willing to comply with the terms, which the Government proposes.

3. I bind myself to abide by any conditions which may be found necessary by the Executive Engineer in dealing with the regulation of water.

4. I fully recognize that it may be necessary to stop the flow of water in the Sureleyar for various causes for example for carrying out repai

20 ~~17~~ ~~23~~ 9

For Storing water when it is not needed for Irrigation purposes

I bind myself not to claim any damages from the Government if the flow of water in the Lureleyar is Stopped for these or for any other Causes

I bind myself to return to the river H all the water which I shall use after it has done its work in my power plant.

I bind myself to lose ~~any~~ myss Concession altogether if after 5 years. I have not made any use of it.

I further bind myself to use 25 H. power after 10 years. If after this period of ten years I have not used the full allowance of 25 H power the Government will be at full liberty to withdraw the quantity of power which I have not made use of

Further if after 20 years, I have not used 50. H. power the Government will have its every right to withdraw the quantity of power which I have not used

S. Sinnappa Servai

Dindigul
9th Aug. 07

5
~~2277~~-D
1983C

~~24~~ ~~20~~ ~~10~~ 21

The petitioner, Mr. S. Sinnappa Perey, is a catechist belonging to my Mission whom I know very well since four years. He is in my opinion a thoroughly honourable character with especially also this characteristic that he does not easily leave off an enterprise he has once put his shoulder to, but uses to carry his projects through pertinaciously. Besides I know him to be a man of not inconsiderable means and of good credit among his own people, of whom some are rather well-to-do farmers, as well as among other people. I am sure, therefore, that if the concession he askes for, be granted to him, he will be well able to make the undertaking a success and a model for other similar industrial enterprises in these parts. I strongly recommend, therefore, that the concession of water-power, the petitioner prays for, be granted to him.

Dindigul } Aug 21, 1907 }

Arthur Dahlberg
Lutheran Missionary

2072. R.P. 07
25-8-07 2C

EXECUTIVE ENGINEER'S OFFICE, P.W.D. MADURA DIVISION. No. 2305 2 SEP 07

N. Dis 2072. R.P. 07
25-8-07

Forwarded

2. The project is one which in my opinion should be encouraged, showing as it does a commendable spirit of enterprise. I believe that the petitioner will be able to raise funds to push the scheme to a successful conclusion, if the concession he prays for, or something like it, be granted to him. He has mentioned to me the names of several men of capital who will be prepared to join him.

S Burn
Divl Officer
23/8/07

To the Executive Engineer
Madura

SUPG. ENGINEER'S OFFICE No. 4 OCT 1907 P.W.D. SIXTH CIRCLE

II 22

Information direct to ...

19-9-07

Sir
The info ... from the anicut maistry ...

Enclosure to Madura Collector's letter R Dis no 655/Rev of 08

6
1983C

Item

E. I. FORM No. 43—1,000—4-7-04. 23

# REMINDER.

No 4677

## MEMORANDUM.

THE undersigned has the honor to request the Superintending Engineer Sixth Circle, to be good enough to expedite his reply to the reference noted below.

(By Order.)

o/c

*Asst. Chief Engr. for Irrigation.*

CHEPAUK,

22 November 1907.

Nov 22/07

No 1627 dated 30th April 07

p. 10 of C.F.

Water Supply to the mills proposed to be erected by Sinnappa Servai at the Chattrapatti anicut. Requesting to report, with reference to the question of ———, how it is proposed to safeguard the interests of a channel alongside the Periyar main channel.

INDEXED

DESPATCHED
DATE 22/11/7
ENCLO.

To

The Superintending Engineer,
VI Circle.

K.u.B.
?.11.07

E. I. Form No. 43—1,000—18-10-05. 1d Rec 18 28

2d **REMINDER.**

MEMORANDUM No 689

THE undersigned has the honor to request the Superintending Engineer, Sixth circle, to be good enough to expedite his reply to the reference noted below.

(By Order.)

O/c.

[signature]

*Asst. Chief Engr. for Irrigation.*

CHEPAUK,
11 February 1908.

[signature] 11/2/08

No. 1627 dated 30th April 07.

p. 10 of C. file

Water Supply to the mills proposed to be erected by Sinnappa Servai at the Chattrapatti anicut:— Requesting to report, with reference to the question of ______, how it is proposed to safeguard the interests of a channel alongside the Periyar main channel.

DESPATCHED
DATE 11.2.1908
ENCLOS..................

INDEXED.

To

The Superintending Engineer,
VI Circle.

KRB.
11.2.08

Subject Supply of water to the Mills proposed to be erected at Chatrapatti aniut Madura District

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

H.E.

READ the following

From the Supg. Engineer VI Circle No.510 C.E. dated 3-9-06
To - Print - - 3625 dated 1st October 1906
From R.Fehlburg dated 19th February 1907
From S. Sinnappan Servai dated 22nd March 1907
Endorsement to the Supg.Engr. VI Circle No. 1341 dated 6-4-07
To Print - - - 1627 dated 30-4-07
From - - 392 C.E.dated 16-7-07
To - - - 2997 dated 1-8-07
To - - Quote - 4677 dated 22-11-07
To - - - 689 dated 11-2-08
From - - - 119 dated 28-2-08
Official Memo to the Collector of Madura No.520 C/08 dated 7-4-0
From the Collector of Madura No.4685 B & G dated 4-11-08
From the Supg. Engineer, VI Circle No.598 C.E.dated 28-10-08
From the Board of Revenue R.S.No. 4685 Mis. dated 4-11-08
From the Supg. Engineer, VI Circle No.99 C.E. dated 5-2-09.

Print Notes

Ordy Press

Order 131 I of 20-3-09.

The Government are pleased to assign on lease for a period of 20 years to S.Sinnappan Servai of Dindigul, an extent of 1.50 acres tope poromboke, survey No.666 in the Virapandi village Periakulam Taluk, Madura District, for the rice and oil mills proposed to be erected by him near the Chattrapatti (otherwise known as the Muthuthevanpatti) anicut on the Suruliyar and 25 cents of land in each of the survey Nos.667 and 671 for the purpose of excavating channels

Page 32 C file

15.3.09

Issue

D.I.

208

from the river for generating and --
supplying electric power to the mills
subject to the conditions set forth
below:-

(1) The lessee shall pay an annual rent ~~of Rs.~~ ,the rent being limited to the assessment of similar lands in the neighbourhood.

(2) The lessee shall, in addition, pay all existing and future taxes, rates &c. payable whether by a landlord or by a tenant.

(3) that the lessee shall erect the mill and other structures within the time fixed in the lease and shall maintain the same in working ~~condition~~ order

(4) that the land and the buildings shall not be used for any purpose other than that for which they are intended.

(5) that the lessee shall permit the officers of Government to enter upon and examine the premises at all reasonable times

(6) That the lessee shall not assign, underlet or part with the possession of the land or any part of it without the consent of Government.

(7) that if the rent or any ~~other~~ part thereof shall be in arrears for 30 days and whenever there shall be a breach of any of the terms of the lease, the lease shall terminate and Government shall be at liberty to re-enter upon the land and that in case of such re-entry by Government the land shall be restored to its present state at the cost of the lessee, failing which Govt shall be at liberty to remove the fixtures and dispose of their materials according to their pleasure.

4

(8) that should Government at any time require the premises or any part -- thereof for any public purpose, they shall be surrendered by the lessee - within the period specified in the lease and that in such event the compensation payable therefor shall not exceed the initial cost ~~of~~ or the value at the time of the acquisition, whichever shall be less, of any buildings erected or other works executed by the lessee

(9) that during the lease period of 20 years the lessee shall be permitted to take off from above the Muthuthevanpatti anicut on the Suruliar river as much water as he may require subject to - sufficient supply being left for the irrigation of lands ~~under~~ depending upon the anicut on the following terms:-

(a) that for five years from the date of this order no charge shall be made for the use of the water

(b) that from and after the fifth year a charge shall be made at the rate of Rs.5 per nominal H.P. per annum based on the H.P. specified by the manufacturers of the turbines or water wheels as being their ordinary capacity.

(c) that this charge shall be subject to a minimum of Rs.100 per annum and shall be payable at the Govt. treasury in two instalments on such dates as shall be fixed by the Collector.

(d)

22P

(d) That all water shall be returned into the Suruliyar river immediate-ly below the mills unpolluted and without the addition of any -- chemicals or other substance that would affect its use for agricultural or drinking purposes and in the - event of the water becoming so fouled the lessee shall cease from using the water until the same is remedied, and that water shall be used only for generating power and for no other purpose.

(10) that the Government do not guarantee a continuous supply of water to the mill and that the supply will ordinarily be stopped during the period that -- Periyar water is not let into the -- stream.

(11) that the Government shall further be at liberty to stop or diminish the supply whenever required in the interests of irrigation or for the execution of repairs to the Periyar lake and connected channels or for other causes and that the lessee shall not be entitled to any compensation for such discontinuance. Ordinarily a week's notice shall be given of the intention to discontinue the supply.

(12) Government reserve to themselves the right to stop the supply of water at any time should the water be not - taken up by the lessee for two years consecutively.

~~2. A further clause will be added to the above conditions~~ (13) That all plans of plant and buildings should be approved by the Supg. Engineer of the sixth circle P.W.D

6

23P

2 The Collector of Madura will be authorised to enter into an agreement with the petitioner on the foregoing terms, adding ~~sahn~~ such other conditions as may be considered necessary in consultation with the Executive Engineer ~~submit~~ The draft agreement should be submitted to the Government for approval.

TWSS
D.I.
17/2/09.

21/2/09
I.

To

B.C.I.
16-2-1909.

The Chief Engr for Irrgn.
" Supg. Engr VI Circle.
" Examiner P.W.Acts
" Board of Revenue Rev.Sett.

D 20/3/09
D 30/3/09.

Copy to the Revenue Dept

DESPATCHED
16 JUN 1909

SURVE...
5- A...
MA...

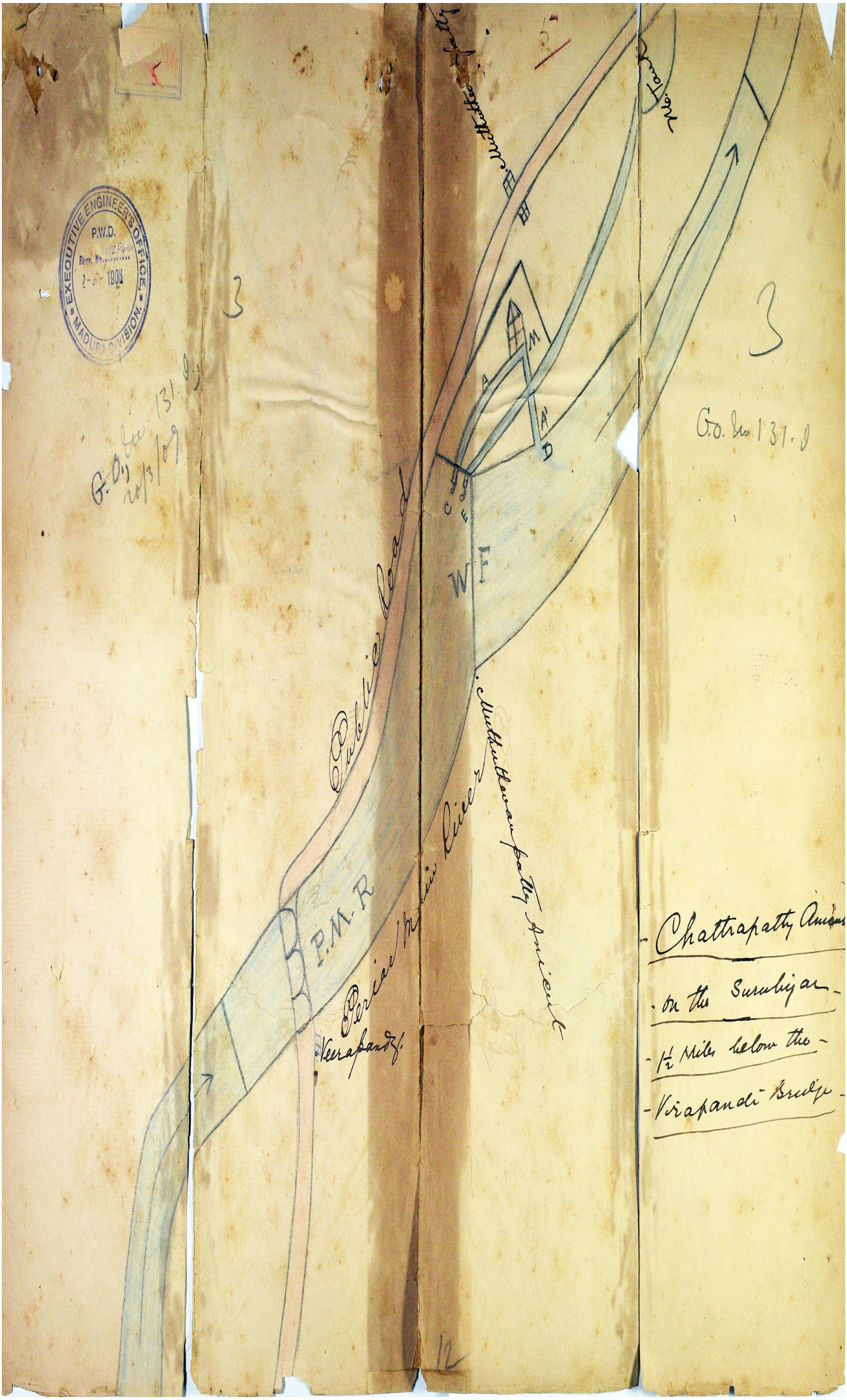
5/

G. O.

SUPG. ENGINEER'S OFFICE
No. 2/2072
28 AUG 1906
P. W. D.
SIXTH CIRCLE.

CHIEF ENGINEER
FOR IRRIGATION
3 - MAR 1908
1575

Reg No 26


EXECUTIVE ENGINEER'S OFFICE
P.W.D.
Regr. No. 1/1294/M
2-6-1908
MADURA DIVISION.
G.O. No. 131. I.
20/3/09
3
5
Muthuthevanpatty
Mr. Tank
M
A
A'
D
C
E
W F
Public Road
P.M.R
Periar Main River
Muthuthevanpatty Anicut
Veerapandi
3
G.O. No 131. I
12
Chattrapatty Anicut
on the Suruliyar
1 1/2 Miles below the
Virapandi Bridge

EXECUTIVE ENGINEER'S OFFICE
P.W.D. SE
2/1076
18 AUG 1907
MADURA DIVISION

SUPG. ENGINEER
2 AUG 1907
P. W. D.
SIXTH CIRCLE.

SUPG. ENGINEER'S OFFICE
4 OCT 1907
SIXTH CIRCLE.

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~~2277-D~~
1983C

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